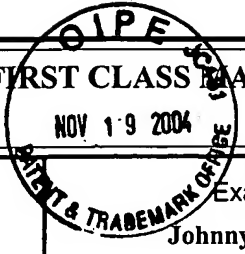


IFW

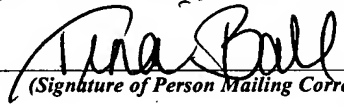


<b>CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)</b> Applicant(s): Guoming G. Zhu			Docket No. 46107-0068 (V202-0769)	
Application No. 10/634,724	Filing Date August 5, 2003	Examiner Johnny H. Hoang	Customer No. 35161	Group Art Unit 3747

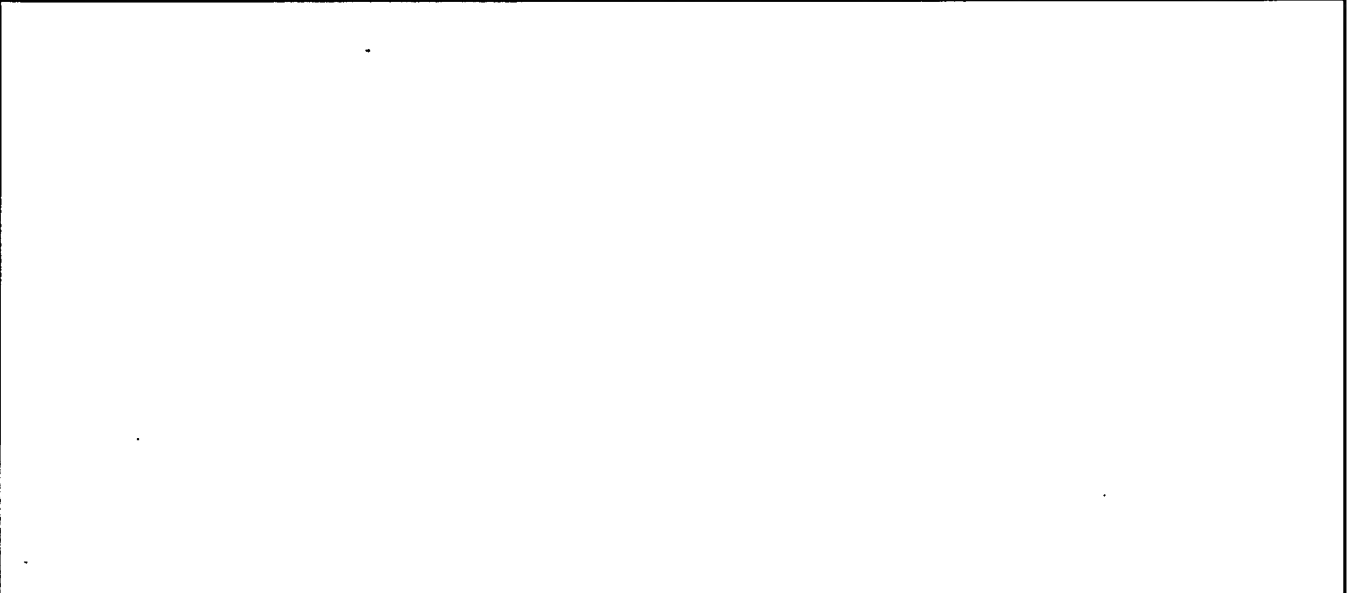
Invention: **IONIZATION DETECTION SYSTEM ARCHITECTURE TO MINIMIZE PCM PIN COUNT**

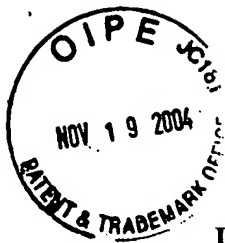
I hereby certify that this Supplemental IDS (4 pages), PTO Form 1449 (1 page) and copy of cited reference  
(Identify type of correspondence)

is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on  
November 17, 2004  
(Date)

Tina Ball  
(Typed or Printed Name of Person Mailing Correspondence)  
  
(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.





PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No.: 8636 )  
Application No.: 10/634,724 )  
Filing Date: August 5, 2003 )  
Applicant(s): Guoming G. Zhu )  
Group Art Unit: 3747 )  
Examiner: Johnny H. Hoang )  
Title: Ionization Detection System )  
Architecture to Minimize )  
PCM Pin Count )  
Attorney Docket: 46107-0068 )

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

11/22/2004 HGUTEM1 00000033 10634724  
01 FC:1806 180.00 0P

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form PTO-1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form PTO-1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the

right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- ☐ (a) within three months of the filing date of the patent application, (b) within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 of the international application, or (c) before the mailing date of a first Office Action on the merits.
- ☒ **after** (a), (b), or (c) above, but before the mailing date of a final action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution of the application, and is accompanied by one of:
  - ☒ the Certification under 37 C.F.R. § 1.97(e) (see "Certification" below).
  - ☐ the fee set forth in 37 C.F.R. § 1.17(p) (see "Fees" below).
- ☐ **after** the mailing date of a final action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution but is filed on or before payment of the issue fee, and includes the Certification under 37 C.F.R. § 1.97(e) (see "Certification" below), and the fee set forth in 37 C.F.R. § 1.17(p).

#### Copies Of The References

- ☒ Copies of the references (other than cited U.S. Patents and published U.S. Patent Applications) listed on the enclosed Form PTO-1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 C.F.R. § 1.98(a)(3).
- ☐ A copy of the foreign search report is enclosed herewith.
- ☐ The references listed on the enclosed Form PTO-1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 C.F.R. § 1.98(d), the details of the parent application(s) relied upon for an earlier filing

U.S. Serial No. 10/634,724  
Attorney Docket: 46107-0068  
Supplemental Information Disclosure Statement

date under 35 U.S.C. § 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1. 0 /				
2. 0 /				
3. 0 /				

**Other Applications**

- ☐ The Examiner's attention is directed to the following U.S. patent application(s) (submitted herewith is a copy of each application specification including the claims, and any drawing of the application, or that portion of each application which caused it to be listed including any claims directed to that portion):

U.S. APPLICATIONS		Status ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1. 0 /				
2. 0 /				
3. 0 /				

**Certification**

- ☒ The **undersigned attorney** hereby certifies that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ The **undersigned attorney** hereby certifies that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application or, to the knowledge of the attorney signing after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

U.S. Serial No. 10/634,724  
Attorney Docket: 46107-0068  
Supplemental Information Disclosure Statement

**Fees**

- ☐ No fee is owed by the applicant(s).
- ☒ The required fee in the amount of \$180.00 is enclosed.

**Authorization To Charge Additional Fees**

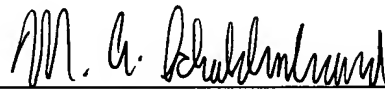
- ☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 04-1061.

Respectfully submitted,

DICKINSON WRIGHT PLLC

Date: November 17, 2004

Suite 800  
1901 L Street, NW  
Washington, DC 20036  
(202) 457-0160

By:   
Michael A. Schaldenbrand  
Reg. No. 47,923

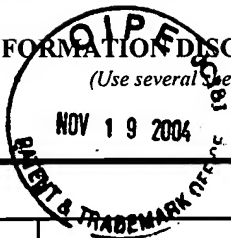
MAS/trb  
Enclosures

BLOOMFIELD 46107-68 654473

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

NOV 19 2004



Docket Number (Optional)

46107-0068 (V202-0769)

Application Number

10/634,724

Applicant(s)

Guoming G. Zhu

Filing Date

August 5, 2003

Group Art Unit

3747

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	1	2 396 186 A	06/2004	Great Britain				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.